

CLAIMS

What is claimed is:

1. An information storage medium comprising:  
AV data; and  
a markup document utilized to reproduce the AV data in an interactive mode,  
wherein the markup document comprises first event information to inform, by default, an  
AV playback engine, which plays back the AV data, of an occurrence of a key input event  
corresponding to a user action.
  
2. The information storage medium of claim 1, wherein the first event information  
comprises event registration information to check whether the user performed the action and  
event handling information to handle the event by controlling an operation of the AV playback  
engine when the key input event occurs.
  
3. The information storage medium of claim 2, wherein the event registration  
information is recorded using an on-click event defined in the markup document, and the event  
handling information is created by a function that allows the AV playback engine to perform an  
operation corresponding to the on-click event.
  
4. The information storage medium of claim 2, wherein the event registration  
information is recorded using a key input event listener to check whether the key input event  
occurs, and the event handling information is recorded using a key input event handler to  
control the operation of the AV playback engine.
  
5. The information storage medium of claim 1, wherein the AV playback engine is  
informed of the occurrence of the key input event via an ENAV engine that interprets and  
executes the markup document.
  
6. The information storage medium of claim 1, wherein the AV playback engine is  
informed of the occurrence of the key input event via an interface handler in an ENAV engine  
that interprets and executes the markup document.

7. The information storage medium of claim 6, wherein the interface handler transmits a playback control command to implement a predetermined operation of the AV playback engine corresponding to the key input event.
8. The information storage medium of claim 1, wherein the first event information is written using at least one of script language and markup language.
9. The information storage medium of claim 8, wherein the first event information is written using at least one of JavaScript language and XML language.
10. The information storage medium of claim 1, wherein the markup document comprises second event information to prohibit informing the AV playback engine, which decodes the AV data, of the occurrence of the key input event.
11. The information storage medium of claim 10, wherein the second event information is recorded using an Application Program Interface (API).